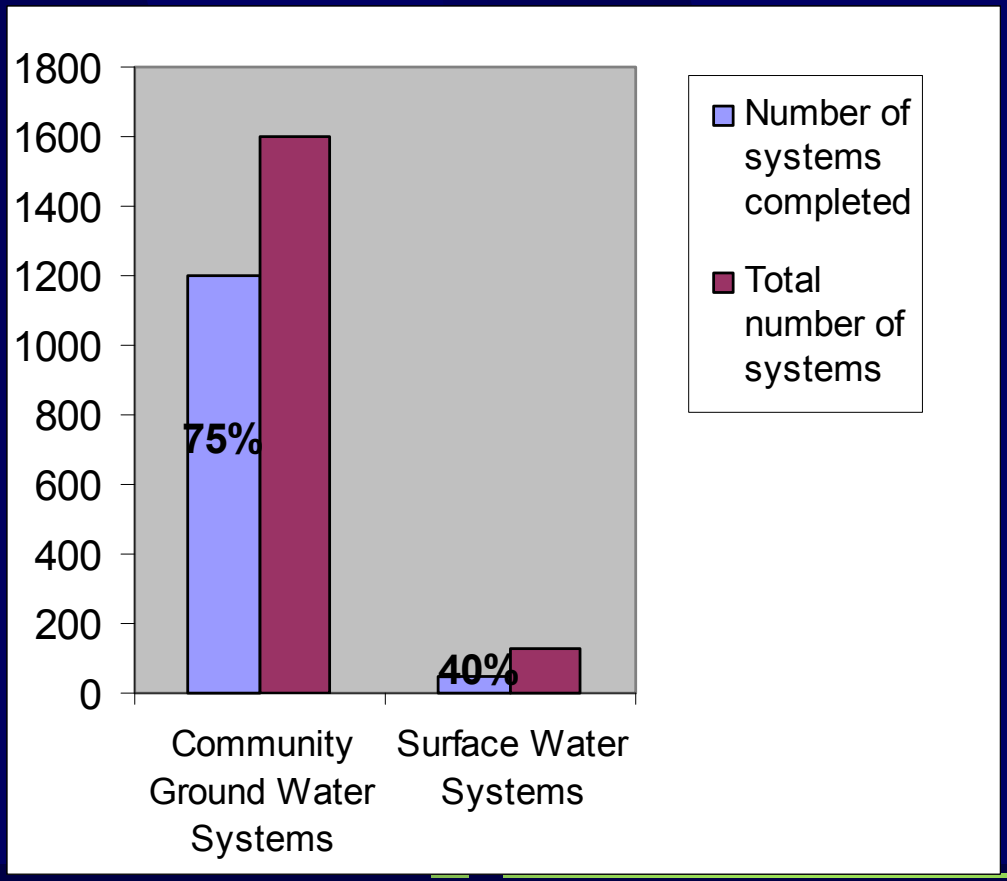
Ohio – Status of Inventories



Database query

Site visit, verification

(For surface water systems, verification completed only within corridor management zone)

Types of Contaminant Sources

Number and types of contaminant sources not compiled; problems include:

- Lumping and splitting
- Merging five active databases
- Lack of detailed information about amounts and types of chemicals stored

“Actual threat” depends on

- Distance from wells/intake — OK
- Number/types of chemicals — ??
- Amount of chemicals — ??
- Mobility of chemicals — ??
- Integrity of container — ??
- Toxicity of chemicals — ??
- Above or below ground — OK
- Current management practices — ??

Method of prioritizing

- Susceptibility analysis ranking, based on geology and contaminant source inventory
- Populations served
- “Vulnerable groups”

General Conclusions

- Major concerns in ground water protection areas include **USTs and potential for spills** from transportation lines
- Major concerns in surface water protection areas are **agricultural chemicals** (runoff from fields) and **aging septic systems**
- Inventory results will be meaningful to each system, but less useful for a statewide approach to source reduction/remediation

Next Steps/Concerns

- **USEPA "measures"** – concern that data requested can be obtained and is meaningful
- **Implementation** – how to check progress, encourage and verify systems' efforts
- **Consistency** – various regulations incorporate restrictions in protection areas, but inconsistently
- **Dissemination of information** – how to make it available without compromising security, or system's perception of security.